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Docket Number (Optional) NOTICE OF APPEAL FROM THE EXAMINER TO JHU1910-5 THE BOARD OF PATENT APPEALS AND INTERFERENCES. I hereby certify that this correspondence is being facsimile transmitted In re Application of to the USPTO or deposited with the United States Postal Service with Xiangcan Zhan sufficient postage as first class mail in an envelope addressed to Application Number "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-Filed 1450"[37 CFR 1.8(a)] 10/533 514 January 23, 2006 For Human Embryonic Stem Cell Cultures, and Signature Compositions and Methods for Growing Same Art Unit Examiner Typed or printed 1632 Crouch, Deborah name Applicant hereby appeals to the Board of Patent Appeals and Interferences from the last decision of the examiner. The fee for this Notice of Appeal is (37 CFR 41.20 (b)(1)) \$540.00 Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee shown above is reduced s 270.00 by half, and the resulting fee is: A check in the amount of the fee is enclosed, Payment by credit card. Form PTO-2038 is attached. The Director has already been authorized to charge fees in this application to a Deposit Account. The Director is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 07-1896. A petition for an extension of time under 37 CFR 1.136(a) (PTO/SB/22) is enclosed. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. I am the applicant/inventor. Signature assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. Lisa A. Haile, J.D., Ph.D. (Form PTO/SB/96) Typed or printed name attorney or agent of record. Registration number 38,347 858-677-1456 Telephone number attorney or agent acting under 37 CFR 1.34. Registration number if acting under 37 CFR 1.34. November 8, 2010 NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

*Total of 2 forms are submitted.

This collection of information is required by 37 CFR 41.31. The information is required to obtain or retain a benefit by the public which is to file (and by the USFTO to process) an application. Confidentially is govered by 38 U.S.C. 122 and 37 CFR 1.11, 1.14 and 41.81. This collection is estimated to like 12 mitured to complete, including gathering, preparing, and submitting the completed application from to the USFTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for requiring this burden, should be sent to the finemation Officer. U.S. Patent and Trademark. Office, U.S. Department of Commence, P.O. Box 1450, Alexandria, VA 2231-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 4450, Alexandria, VA 2231-1450.